

22—PLATE-TECTONIC FEATURES

[Symbols for plate-tectonic features are usually reserved for maps at scales of 1:500,000 or smaller]

REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS	NOTES ON USAGE
22.1	Active spreading axis or mid-oceanic ridge, with rift—Certain		color 100% red $\angle 60^\circ$ linewidth .375 mm 1.25 mm spacing may vary sawtooth linewidth .25 mm; spacing 12.5 mm	Sawteeth point in direction of spreading. May also be shown in black or other colors.
22.2	Active spreading axis or mid-oceanic ridge, with rift—Approximately located			
22.3	Active spreading axis or mid-oceanic ridge, with rift—Approximately located, queried			
22.4	Active spreading axis or mid-oceanic ridge, without rift—Certain		1.25 mm $\angle 60^\circ$ linewidth .625 mm color 100% red sawtooth linewidth .25 mm; spacing 12.5 mm	Sawteeth point in direction of spreading. May also be shown in black or other colors.
22.5	Active spreading axis or mid-oceanic ridge, without rift—Approximately located			
22.6	Active spreading axis or mid-oceanic ridge, without rift—Approximately located, queried			
22.7	Ancient spreading axis or mid-oceanic ridge—Certain		1.25 mm $\angle 60^\circ$ all linewidths .25 mm sawtooth spacing 12.5 mm	Sawteeth point in direction of spreading.
22.8	Ancient spreading axis or mid-oceanic ridge—Uncertain			
22.9	Surface trace of active deep-seismofocal or subduction zone—Certain		color 100% red 6.25 mm sawtooth radius 3.0 mm 1.25 mm linewidth .375 mm	
22.10	Surface trace of active deep-seismofocal or subduction zone—Approximately located			Sawteeth on upper plate. May also be shown in black or other colors.
22.11	Surface trace of active deep-seismofocal or subduction zone—Approximately located, queried			
22.12	Surface trace of active deep-seismofocal or subduction zone—Showing fore-arc sediments		pattern 427-R	
22.13	Active convergent plate boundary—Certain		color 100% red 6.25 mm 2.0 mm linewidth .375 mm	Sawteeth on upper plate. May also be shown in black or other colors.
22.14	Active convergent plate boundary—Approximately located			
22.15	Active convergent plate boundary—Approximately located, queried			
22.16	Active convergent plate boundary—Showing accretionary prism		pattern 429-R	
22.17	Ancient convergent plate boundary—Certain		6.25 mm 1.75 mm linewidth .25 mm	Sawteeth on upper plate.
22.18	Ancient convergent plate boundary—Approximately located		5.0 mm H-8 1.25 mm	
22.19	Continental slope—Certain		linewidth .25 mm 6.25 mm tooth height .875 mm; width 1.5 mm	Teeth point toward slope.
22.20	Continental slope—Approximately located			
22.21	Continental slope—Approximately located, queried			
22.22	Continental slope—Showing margin		pattern 119-K	

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REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS	NOTES ON USAGE
22.23	Active transform fault, sense of offset unspecified—Certain		lineweight .375 mm color 100% red	May be shown in other colors.
22.24	Active transform fault, sense of offset unspecified—Approximately located		3.5 mm 1.0 mm H-8	May also be shown in black, but the distinction between "active" and "ancient" transform faults will be lost.
22.25	Active transform fault, sense of offset unspecified—Approximately located, queried			
22.26	Active transform fault, right-lateral offset—Certain		lineweight .375 mm color 100% red 25° 1.75 mm 5.0 mm arrow lineweight .3 mm	Arrows show direction of relative offset. May be shown in other colors.
22.27	Active transform fault, right-lateral offset—Approximately located		3.5 mm 1.0 mm H-8	May also be shown in black, but the distinction between "active" and "ancient" transform faults will be lost.
22.28	Active transform fault, right-lateral offset—Approximately located, queried			
22.29	Active transform fault, left-lateral offset—Certain		lineweight .375 mm color 100% red 25° 1.75 mm 5.0 mm arrow lineweight .3 mm	Arrows show direction of relative offset. May be shown in other colors.
22.30	Active transform fault, left-lateral offset—Approximately located		3.5 mm 1.0 mm H-8	May also be shown in black, but the distinction between "active" and "ancient" transform faults will be lost.
22.31	Active transform fault, left-lateral offset—Approximately located, queried			
22.32	Active transform fault, normal offset—Certain		color 100% red lineweight .375 mm hachure lineweight .175 mm; height 1.0 mm; spacing .375 mm	Hachures on down-thrown side. May be shown in other colors.
22.33	Active transform fault, normal offset—Approximately located		3.5 mm 1.0 mm H-8	May also be shown in black, but the distinction between "active" and "ancient" transform faults will be lost.
22.34	Active transform fault, normal offset—Approximately located, queried			
22.35	Ancient transform fault, sense of offset unspecified—Certain		lineweight .375 mm	
22.36	Ancient transform fault, sense of offset unspecified—Approximately located		3.5 mm 1.0 mm	
22.37	Outline of basin—Certain		all lineweights .2 mm 90° sawtooth height .6 mm; spacing 6.25 mm	Sawteeth point into basin.
22.38	Outline of basin—Approximately located		dash 5.25 mm; space 1.0 mm H-8	
22.39	Outline of basin—Approximately located, queried			
22.40	Deep-sea trench—Showing margin filled by sedimentation		lineweight .2 mm pattern 119-K	
22.41	Margin of oceanic rise—Certain		4.5 mm .625 mm all lineweights .175 mm hachure height 1.0 mm	Hachures point down-slope.
22.42	Margin of oceanic rise—Approximately located		H-8 dash 4.125 mm; space 1.0 mm	
22.43	Margin of oceanic rise—Approximately located, queried			

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REF NO	DESCRIPTION	SYMBOL	CARTOGRAPHIC SPECIFICATIONS	NOTES ON USAGE
22.44	Volcanic ridge or edifice—Certain		<i>all lineweights .2 mm</i> <i>hachure height .625 mm; spacing 2.25 mm</i>	Hachures point down-slope.
22.45	Volcanic ridge or edifice—Approximately located		 <i>H-8</i> <i>dash 3.5 mm; space 1.0 mm</i>	
22.46	Volcanic ridge or edifice—Approximately located, queried			
22.47	Guyot		<i>all lineweights .2 mm</i> <i>hachure height .625 mm; spacing .5 mm</i>	Hachures point down-slope.
22.48	Seamount, nonvolcanic origin		<i>all lineweights .2 mm</i> <i>sawtooth height 1.0 mm; spacing 5.0 mm</i> <i>60°</i>	Sawteeth point down-slope.
22.49	Seamount, volcanic origin		<i>lineweight .2 mm</i> <i>sawtooth height 1.0 mm; spacing 5.0 mm</i> <i>60°</i>	
22.50	Seamount, nonvolcanic origin (shown as point symbol when too small to outline at map scale)		<i>all lineweights .15 mm</i> <i>circle diameter 1.375 mm</i>	Hachures point down-slope.
22.51	Seamount, volcanic origin (shown as point symbol when too small to outline at map scale)		<i>lineweight .15 mm</i> <i>dot diameter 1.375 mm</i>	